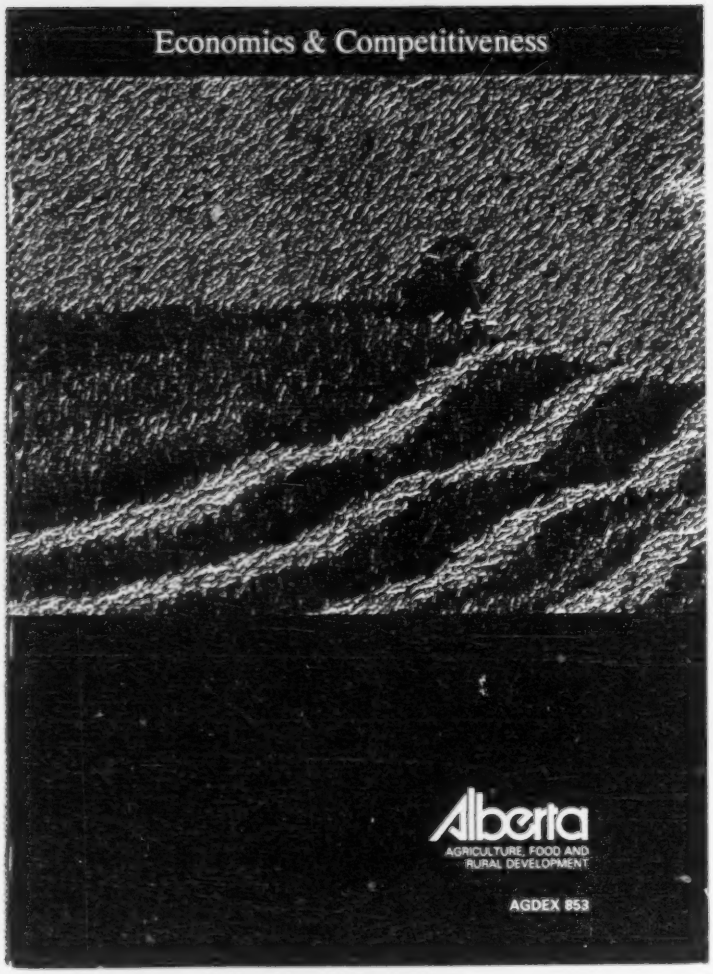
Agriculture Statistics Factsheet



The Land and Precipitation

	Acres	% of Total
Total Land Area	**157,710,720**	
Farm Land Area (2001 Census of Agriculture)	**52,058,898**	**100.0**
Cultivated Land Area	32,604,729	62.6
Land in Crops	24,038,861	46.2
Summerfallow	3,053,214	5.9
Tame or Seeded Pasture	5,512,654	10.6
Natural Land for Pasture	16,503,920	31.7
All Other Land	2,950,249	5.7

Irrigated Crop Area in 2002[P] = 1.31 million acres or 4% of cultivated land area.

Precipitation (Millimetres)			30-Year
April 1 to October 13 Growing Season	**2001[r]**	**2002[p]**	**Average**
Southern Region	148	410	293
Central Region	243	263	346
North Eastern Region	299	188	356
North Western Region	305	212	401
Peace Region	292	226	326
Provincial Average	**236**	**286**	**338**

Population and Farms

	2001	2002	% Chg.
Population on July 1st[1]	**3,059,100**	**3,113,600**	**1.8**
% of Canadian Population	*9.8%*	*9.9%*	

	2001	% of Total
Population on May 15, 2001[2]	**2,974,807**	**100.0**
Urban Population	2,405,160	80.9
Rural Population	569,647	19.1
Number of Census Farms on May 15, 2001[3]	**53,652**	
Average Farm Size	**970 acres**	
Types of Farms[4]		**% of Total**
Farms With Sales of $2,500 or More	50,580	100.0
Cattle (Beef)	22,939	45.4
Grain and Oilseed (Excluding Wheat)	9,327	18.4
Wheat	3,718	7.4
Miscellaneous Specialty	5,495	10.9
Field Crop (Excluding Grain and Oilseed)	4,725	9.3
Other Types	4,376	8.6

(1) Source: Statistics Canada, Estimates of Total Population, Canada, Provinces and Territories

(2) Source: 2001 Census of Population

(3) According to the 2001 Census of Agriculture, a census farm refers to a farm, ranch or other agricultural holding which produces at least one of the following products intended for sale: crops, livestock, poultry, animal products, greenhouse/nursery products, Christmas trees, mushrooms, honey, sod or maple syrup products.

(4) The commodity which accounts for 51% or more of receipts determines the farm type.

Employed Labour Force

	2001	2002	% Chg.
Total Employed Labour Force	**1,632,100**	**1,673,800**	**2.6**
Agri-Food Industries	**82,500**	**89,600**	**8.6**
Agriculture	59,500	61,300	3.0
Crop Production	16,500	15,700	-4.8
Animal Production	33,400	35,700	6.9
Mixed Farming	8,300	7,600	-8.4
Support Activities for Agriculture	1,300	2,200	69.2
Food and Beverage Manufacturing	23,000	28,300	23.0
Food - Retail Trade and Services	**131,400**	**138,600**	**5.5**
Food and Beverage Retail Stores	46,900	45,300	-3.4
Food Services and Drinking Places	84,500	93,300	10.4

Gross Domestic Product At Factor Cost ($ Millions)

At $2.8 billion in 2001, Alberta was the second highest generator of primary agricultural activity in Canada after the province of Ontario.

In Chained (1997) Dollars	**2000[r]**	**2001[p]**	**% Chg.**
All Industries	**115,209**	**119,677**	**3.9**
Agri-Food Industries	**4,792**	**4,663**	**-2.7**
% Share of All Industries	*4.2%*	*3.9%*	
Agriculture	3,025	2,784	-8.0
Food and Beverage Manufacturing	1,767	1,879	6.3

Selected Indices and Financial Rates (Annual Averages)

	2000	2001	2002
Consumer Price Index (CPI) (1992=100)			
Alberta - All Items	117.4	120.1	124.2
- Food	111.7	116.9	120.4
Farm Product Price Index (FPPI) (1997=100)			
Alberta - Total	96.5	104.6	108.8
- Crops	81.7	91.3	109.4
- Livestock and Animal Products	107.5	114.6	109.2
Financial Rates			
Canada Bank Rate	5.77	4.31	2.71
Canada Prime Business Loan Rate	7.27	5.81	4.21
Exchange Rate - US $ Per Canadian $	0.6732	0.6456	0.6368

Farm Cash Receipts ($ Millions)

In 2002, Alberta farmers generated $8.3 billion in sales of crop and livestock commodities, the second highest amount in Canada after Ontario ($8.5 billion). Following three consecutive years of growth, Alberta's receipts decreased slightly by 1.0%. The decline was due to reduced sales in both crops (7.9%) and livestock (2.3%). Alberta remains the leading producer of cattle and calves in Canada accounting for one-half of national sales. The province's top three revenue crops are wheat, canola and barley.

	2001[r]	2002[p]	% Chg.
Total Farm Cash Receipts	**8,307.1**	**8,226.5**	**-1.0**
Crop Receipts	**2,273.7**	**2,094.4**	**-7.9**
Wheat	913.9	774.6	-15.2
Oats	33.9	43.9	29.5
Barley	211.7	147.8	-30.2
Net Deferments	-44.6	38.8	-187.0
Rye	3.5	3.5	0.0
Flaxseed	3.9	4.1	5.1
Canola	576.0	443.9	-22.9
Sugar Beets	19.3	20.1	4.1
Potatoes	107.4	146.8	36.7
Vegetables	63.0	59.7	-5.2
Floriculture and Nursery	110.3	125.3	13.6
Other Crops	275.4	285.9	3.8
Livestock and Products Receipts	**5,213.9**	**5,093.2**	**-2.3**
Cattle and Calves	3,958.5	3,889.2	-1.8
Hogs	583.3	521.6	-10.6
Sheep and Lambs	14.0	17.0	21.4
Dairy Products	348.4	366.8	5.3
Poultry and Eggs	198.6	188.8	-4.9
Honey	24.3	22.8	-6.2
Other Livestock and Products	86.8	87.0	0.2
Total Market Receipts[1]	**7,487.6**	**7,187.6**	**-4.0**
Direct Program Payments	**819.4**	**1,038.9**	**26.8**
Crop Insurance	243.2	493.6	103.0
Income Disaster Assistance	128.9	114.3	-11.3
Other Payments	447.3	431.0	-3.6

(1) Market Receipts include total crop receipts plus total livestock and products receipts.

Livestock Industry

Alberta continues to report the largest cattle population in Canada, accounting for 41% of the national total in 2002. About 64% of Canadian cattle slaughtering activity takes place in Alberta.

	2001	2002	% Chg.
Livestock on Farms (Head), July 1st			
Cattle and Calves	6,500,000	6,387,000	-1.7
Bulls	114,000	110,000	-3.5
Milk Cows and Dairy Heifers	130,000	128,000	-1.5
Beef Cows and Beef Heifers	2,430,000	2,385,000	-1.9
Calves	2,146,000	2,146,000	0.0
Slaughter Steers and Heifers	1,680,000	1,618,000	-3.7
Pigs	2,029,400	2,140,900	5.5
Sheep and Lambs	287,000	288,000	0.3
Livestock Slaughtered (Head)[1]			
Cattle and Calves	2,342,002	2,357,871	0.7
Hogs	2,218,087	2,587,197	16.6
Production Quantity (Tonnes)			
Beef	836,568	842,284	0.7
Pork	191,270	223,099	16.6
Value of Meat Product Manufacturing Shipments ($ Millions)			
Meat Product Manufacturing	5,142.0	4,849.8	-5.7
Animal Slaughtering (Excl. Poultry)	3,562.9	3,483.6	-2.2
Other Meat Processing (Incl. Poultry)	1,579.1	1,366.2	-13.5
Value of International Exports ($ Millions)			
Beef and Veal	1,715.4	1,640.9	-4.3
Pork	218.3	190.9	-12.6
Farm Cash Receipts ($ Millions)			
Livestock and Livestock Products	5,213.9	5,093.2	-2.3
% of Total Farm Cash Receipts	*62.8%*	*61.9%*	

Selected Prices (*Live Weight Basis)	2001	2002
Slaughter Steers, Alberta Direct Packer Sales*, $/100 lbs	102.82	97.18
Central Alberta Steer Calves, 500-600 lbs*, $/100 lbs	158.66	132.52
Alberta Average Slaughter Hogs Index 100 Dressed	$1.65/kg	$1.28/kg

(1) Federally and provincially inspected slaughter in Alberta, irrespective of origin.

Dairy Production

Dairy Year From August 1 to July 31	2000-01[r]	2001-02	% Chg.
Milk Production (Thousands of Litres)	611,389	614,012	0.4
Cream Production (Kilograms)	3,026	3,060	1.1

Poultry and Egg Production

	2001[r]	2002[p]	% Chg.
Chicken Meat (Tonnes*)	86,129	83,488	-3.1
Turkey Meat (Tonnes*)	13,127	–	–
Egg Production (Thousand Dozen)	42,593	42,564	-0.1

* Eviscerated Weight

Beekeeping Industry

	2001	2002[p]	% Chg.
Honey Production (Tonnes)	12,150	10,907	-10.2
Value of Honey Produced ($ Thousands)	27,488	–	–

Selected Alternative Livestock Inventory (Head)

	2001	2002[p]	% Chg.
Whitetail Deer and Mule Deer	11,500	11,131	-3.2
Elk	42,021	46,506	10.7

Crops

	Harvested Acres ('000)		Production ('000 Tonnes)	
Major Crops	2001	2002	2001	2002
All Wheat	6,430	4,663	5,802.3	3,535.4
Barley	4,000	2,700	4,746.4	2,460.3
Canola	2,670	1,700	1,632.9	793.8
Oats	600	350	592.2	285.3
Flaxseed	35	40	20.3	20.3
All Rye	85	25	58.4	16.1
Other Crops				
Lentils	15	6	5.0	1.9
Dry Peas	570	440	506.2	221.6
Dry Beans	59	40	59.7	31.7
Chickpeas	85	30	20.5	15.9
Mustard Seed	50	70	8.5	19.1
Sunflower Seed	5	6	2.8	4.1
Corn for Grain	3	10	6.6	20.3
Sugar Beets	29	25	523.1	344.7
Mixed Grains	65	20	53.1	16.3
Tame Hay	5,275	5,000	4,309.1	3,039.1
Summerfallow	**3,100**	**2,500**	**n/a**	**n/a**

	Acres		Tonnes	
Commercial Fresh Vegetables and Fruits				
Beans	x	215	x	308
Cabbage	415	445	4,323	–
Carrots	1,205	–	12,238	x
Corn, Sweet	5,290	3,950	21,723	14,778
Peas, Green	3,345	2,950	5,035	4,513
Raspberries	160	150	32	57
Strawberries	285	275	195	249

Value of International Exports ($ Millions)	2001	2002	% Chg.
Total Crops	1,989	1,444	-27
Wheat	1,135	845	-26
Canola Seed	441	315	-29
Barley	124	61	-50
Other Crops	289	223	-23
Farm Cash Receipts ($ Millions)			
Total Crops	2,273.7	2,094.4	-7.9
% of Total Farm Cash Receipts	*27.4%*	*25.5%*	

Value of Principal Field Crops ($/Tonne)

	1998-99	1999-00	2000-01	2001-02
Wheat No. 1 CWRS (13.5%)	165.80	151.35	163.25	175.19
Barley*	103.15	94.56	108.61	143.59
Canola**	338.07	253.05	257.72	–
Oats*	116.19	101.37	100.12	180.98
Flaxseed**	273.97	189.77	219.43	–
Rye**	51.64	79.28	97.50	–

* Alberta Grain Commission (Red Deer Prices)
** United Grain Growers Cash Prices (Elevator Bids)

Greenhouse Industry

	2001	2002	% Chg.
Total Greenhouse Area (Sq. Ft '000)	10,551	11,537	9.4
Total Sales ($ Thousands)	97,496	104,579	7.3

Food and Beverage Processing Industries

Alberta's food and beverage industries comprise the largest manufacturing sector in the province in terms of value of shipments and employment. The leading subsector is meat product manufacturing which accounts for over one-half of total provincial processing shipments.

Value of Manufacturing Shipments ($ Millions)

	2001[r]	2000[p]	% Chg.
All Manufacturing Industries			
Canada	508,803.6	518,771.1	2.0
Alberta	42,394.5	41,048.2	-3.2
% Share of Canada	*8.3%*	*7.9%*	
Food and Beverage Manufacturing Industries			
Canada	71,444.6	72,513.5	1.5
Alberta	9,871.5	9,763.0	-1.1
% Share of Canada	*13.8%*	*13.5%*	
Alberta Food Manufacturing Industries	**9,143.4**	**9,053.8**	**-1.0**
Animal Food Mfg. (Includes Livestock Feed)	596.9	652.9	9.4
Grain and Oilseed Milling	800.0	770.3	-3.7
Confectionery Mfg., Fruit and Vegetable Preserving and Specialty Foods	303.9	366.6	20.6
Dairy Product Mfg.	1,532.9	1,655.4	8.0
Meat Product Mfg.	5,142.0	4,849.8	-5.7
Animal Slaughtering (Excl. Poultry)	3,562.9	3,483.6	-2.2
Other Meat Processing (Incl. Poultry)	1,579.1	1,366.2	-13.5
Bakeries and Tortilla Mfg.	254.8	259.4	1.8
Bread and Bakery Product Mfg.	182.1	203.2	11.6
Cookie, Cracker and Pasta Mfg.	72.6	56.2	-22.6
Other Food Mfg.	513.2	499.4	-2.7
Alberta Beverage Mfg. Industries	**728.1**	**709.2**	**-2.6**
Soft Drink and Ice Mfg.	308.5	283.2	-8.2
Breweries, Wineries and Distilleries	419.6	426.0	1.5

Alberta Food Sales ($ Millions)

	2001[r]	2002[p]	% Chg.
Supermarket and Grocery Store Sales	7,316.0	7,842.9	7.2
Restaurant, Caterer and Tavern Receipts	4,460.1	4,311.9	-3.3

Alberta Average Household Food Expenditure (Per Year)

	2000	2001	% Share of Household Budget'01
Food	$6,496	$6,728	10.2%
Food Purchased From Stores	$4,915	$5,017	7.6%
Food Purchased From Restaurants	$1,531	$1,683	2.6%

Per Capita Food Consumption in Canada (Per Year)

	Units	1990	1995	2001
Fruits (Fresh Equivalent Weight)	kg.	110.70	124.18	124.99
Vegetables (Fresh Equivalent Weight)	kg.	169.93	184.44	183.40
Alcoholic Beverages	litres	88.92	81.84	83.38
Soft Drinks	litres	96.35	109.53	113.34
Coffee	litres	95.85	95.63	101.88
Fluid Milk	litres	95.43	90.16	86.86
Beef (Carcass Weight Equivalent)	kg.	33.98	31.71	30.69
Pork (Carcass Weight Equivalent)	kg.	26.13	27.76	28.88
Chicken (Eviscerated Weight)	kg.	22.12	24.77	30.27

Farm Operating Expenses[(1)] ($ Millions)

	2001[p]	2002[f]	% Chg.
Property Taxes	105.5	107.8	2.2
Cash and Share Rent	300.9	290.7	-3.4
Cash Wages, Room and Board	519.2	493.5	-4.9
Interest Payments	508.2	459.5	-9.6
Machinery Fuel	374.8	308.4	-17.7
Fertilizer and Lime	564.0	456.9	-19.0
Pesticides	301.6	284.0	-5.8
Commercial Feed	880.6	866.4	-1.6
Livestock and Poultry Purchases	1,074.5	949.8	-11.6
Building and Fence Repairs	147.9	146.4	-1.0
Electricity and Telephone	173.8	127.2	-26.8
Heating Fuel	63.4	48.1	-24.1
Miscellaneous	1,174.3	1,214.8	3.4
Total Operating Expenses After Rebates	**6,188.2**	**5,753.5**	**-7.0**
Depreciation on Buildings	185.7	188.2	1.3
Depreciation on Machinery	844.8	849.4	0.5
Total Operating Expenses After Rebates and Depreciation	**7,218.6**	**6,791.2**	**-5.9**

(1) Net of provincial or federal rebates. f - Forecast Estimates released November, 2002.

Net Farm Income[(1)] ($ Millions)

	2001[p]	2002[f]	% Chg.
1. Total Farm Cash Receipts	8,307.1	8,079.1	-2.7
2. Total Operating Expenses After Rebates	6,188.2	5,753.5	-7.0
3. Net Cash Income (1-2)	2,118.9	2,325.6	9.8
4. Income In Kind	16.9	15.8	-6.5
5. Depreciation Charges	1,030.5	1,037.6	0.7
6. Realized Net Income (3+4-5)	1,105.3	1,303.7	17.9
7. Value of Inventory Change	-330.2	-893.1	170.5
8. Total Net Income (6+7)	775.1	410.6	-47.0

(1) Refers to income directly related to the farm business (sales of agricultural commodities and program payments). Income farm operators receive from other sources (such as wages and salaries, investment income and pension income) are excluded.
f - Forecast Estimates released November, 2002.

Capital Investment Expenditures[(1)] ($ Millions)

	2001[p]	2002[f]	% Chg.
Alberta			
All Industries	**41,698.0**	**41,499.7**	**-0.5**
Agri-Food Industries	**1,216.3**	**1,167.9**	**-4.0**
Agriculture Industries			
Canada	5,074.8	5,042.1	-0.6
Alberta	1,087.3	1,071.6	-1.4
Crop Production	519.1	503.7	-3.0
Animal Production	560.3	560.4	0.0
Support Services	7.9	7.5	-5.1
Food and Beverage Manufacturing Industries			
Canada	1,786.5	1,951.9	9.3
Alberta	129.0	96.3	-25.3
Food Industries	102.4	74.5	-27.2
Beverage Industries	26.6	21.8	-18.0

(1) Capital investment expenditures refers to the cost of procuring, constructing and installing new durable plants, machinery and equipment, whether for replacement of worn or obsolete assets, as additions to existing assets or for lease or rent to others.
f - Forecast Estimates released November, 2002.

International Agri-Food Exports ($ Millions)

Alberta exported $5.1 billion worth of primary and processed agricultural and food products in 2002, 14 per cent lower than the record high of $6.0 billion in 2001. Exports of value added products fell more than five per cent to about $3.0 billion, while exports of animal and crops declined 23 per cent to $2.2 billion. Severe drought conditions in the province and low supplies of crops contributed to the overall decline in exports. Exports of grains and oilseeds suffered the most with wheat sales down 26 per cent and barley exports at half of their 2001 levels. The 2002 value of exported cattle fell 11 per cent, while the quantity fell less than half of one per cent. The top five products exported in 2002 were beef, wheat, live cattle, canola seed and pork. The United States remains Alberta's largest trading partner, accounting for 59 per cent of total agri-food exports.

	2001[r]	2002[p]	% Chg.
Canada Agri-Food Exports	**26,944.8**	**26,023.8**	**-3.4**
Alberta Agri-Food Exports	**5,986.9**	**5,145.8**	**-14.0**
Alberta as a % of Canada	*22.2%*	*19.8%*	
Value Added Processed Products	**3,134.7**	**2,961.8**	**-5.5**
As a % of Total Agri-Food Exports	*52.4%*	*57.6%*	
Beef and Veal	1,715.4	1,640.9	-4.3
Pork	218.3	190.9	-12.6
Processed Potatoes	163.5	173.0	5.8
Malt	129.5	117.4	-9.3
Other Value Added Processed Prod.	909.0	839.7	-7.6
Primary Commod. (Crops and Animals)	**2,852.2**	**2,184.0**	**-23.4**
As a % of Total Agri-Food Exports	*47.6%*	*42.4%*	
Wheat	1,134.8	844.9	-25.5
Live Cattle	711.9	635.9	-10.7
Canola Seed	440.9	314.8	-28.6
Live Hogs	123.7	75.7	-38.8
Barley	123.8	61.4	-50.4
Other Primary Commodities	317.1	251.3	-20.8
Alberta's Top Five Export Markets in 2002	**2001[r]**	**2002[p]**	**% Chg.**
1. United States (59% Share)	3,288.2	3,046.7	-7.3
2. Japan (14% Share)	781.0	745.2	-4.6
3. Mexico (7% Share)	409.9	345.8	-15.6
4. South Korea (2% Share)	94.1	91.7	-2.6
5. Taiwan (2% Share)	60.5	82.3	36.1

r - revised p - preliminary - - not available n/a - not applicable
x - confidential kg - kilogram

Note: Totals may not add up due to rounding.

Data Sources: Alberta Agriculture, Food and Rural Development;
Statistics Canada; and, Agriculture and Agri-Food Canada

To obtain further information, contact:
Statistics and Data Development Unit
Economics and Competitiveness Division
Alberta Agriculture, Food and Rural Development (AAFRD)
#302, J. G. O'Donoghue Building
7000 - 113 Street
Edmonton, Alberta, CANADA T6H 5T6
Phone: (780) 427-4011 Fax: (780) 427-5220

Updates of the Factsheet are available at:
http://www1.agric.gov.ab.ca

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